

SOV/48-23-2-20/20

On the Photomultiplier Amplification in Time Measurements

has the least value for FEU-1v and the largest one for FEU-33.
In the case of FEU-33 the authors found also a decrease of
value n with an increase of the first range U_1 (250 → 500 v).
There are 2 tables and 3 references, 2 of which are Soviet.

Card 2/2

VYAZEMSKIY, V.O.; PISAREVSKIY, A.N.; TETERIN, Ye.D.

One possibility of increasing the resolving power of fast coincidence
circuits. Trudy Radiov. inst. AN SSSR 9:150-151 '59. (MIRA 14:6)
(Photoelectric multipliers)

TETERIN, Ye.D.; PISAREVSKIY, A.N.

Amplification of photomultipliers. Trudy Radiofiz. inst. AN SSSR 9:152-154 '59.

(MIRA 14:6)

(Photoelectric multipliers)

VYAZEMSKIY, V.O.; PISAREVSKIY, A.N.; TETERIN, Ye.D.

Antisaturation amplifier for amplitude investigations. Trudy Radiov.
inst.AN SSSR 9:155-163 1959. (MIRA 14:6)
(Amplifiers (Electronics))

LOMONOSOV, I.I.; NEMILOV, Yu.A.; PISAREVSKIY, A.N.; TETERIN, Ye.D.

Photomultipliers designed for scintillation spectroscopy. Trudy
Radiy.inst.AN SSSR 9:164-180 '59. (MIRA 14:6)
(Photoelectric multipliers)

NEMILOV, Yu.A.; PISAREVSKIY, A.N.; TETERIN, Ye.D.

Scintillation γ -spectrometers. Trudy Radiev.inst.AN SSSR 9:181-
191 '59. (MIRA 14:6)

(Spectrometer)

VYAZEMSKIY, V.O.; LOMONOSOV, I.I.; PISAREVSKIY, A.N.; PROTOPOPOV, Kh.V.;
RUZIN, V.A.; TETERIN, Ye.D., Prinsipal uchastiye KLYUCHNIKOV, V.N.;
RYBAKOV, B.V., red.; SMOLYAN, G.L., red.; POPOVA, S.M., tekhn.
red.

[Scintillation method in radiometry] Stsintilliatzionnyi metod v
radiometrii. By V.O.Viazemskii i dr. Moskva, Gos. izd-vo lit-ry v
oblasti atomnoi nauki i tekhniki, 1961. 429 p. (MIRA 14:9)
(Scintillation counters)

ACCESSION NR: AP4031173

S/0056/64/046/004/1473/1474

AUTHOR: Gridnev, K. A.; Denisov, A. Ye.; Nemilov, Yu. A. ; Sadkovskiy, V. S.; Teterin, Ye. D.

TITLE: The (d, α) reaction on B-11 and O-16 at a deuteron energy 6.6 MeV

SOURCE: Zh. eksper. i teor, fiz., v. 46, no. 4, 1964, 1473-1474

TOPIC TAGS: deuteron α reaction, boron 11, oxygen 16, α particle angular distribution, stripping reaction, α cluster stripping, compound nucleus mechanism, backward α particle scattering, ground state cross section, second excited state

ABSTRACT: The angular distribution of α particles were measured in the reactions $B^{11}(d, \alpha)Be^9$ and $O^{16}(d, \alpha)N^{14}$ in order to check whether the compound-nucleus reaction or the stripping of α -particle clusters is the governing mechanism in the deuteron energy region 5--8 MeV, which has been the least investigated. The $B^{11}(d, \alpha)Be^9$ measurements are claimed to be the first of their kind, and have disclosed the

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ACCESSION NR: AP4031173

presence of all four Be^9 levels, including the hitherto doubtful level near 1.7 MeV. The resultant angular distribution favors the compound nucleus mechanism. The strong increase in the cross sections for the ground and secondexcited levels near 180° , which judging from other data is characteristic of the (d, α) reaction on O^{16} , is more likely to be due to stripping of a cluster. Calculations to interpret the experimental data are under way. Orig. art. has: 2 figures.

ASSOCIATION: none

SUBMITTED 04Jul63

DATE ACQ: 07May64

ENCL: 01

SUB CODE: PH

NO REF SOV: 000

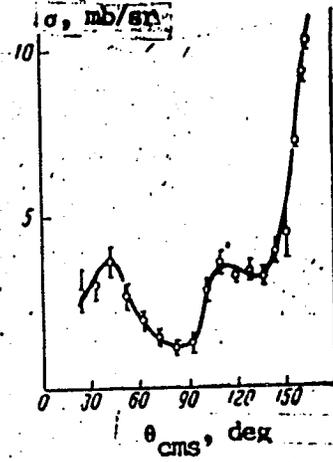
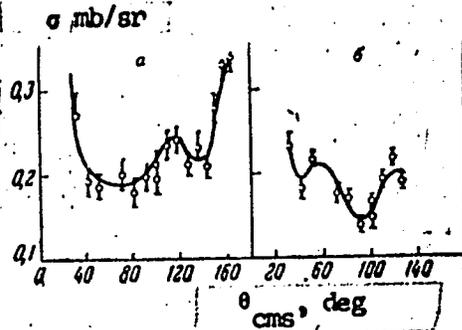
OTHER: 003

Card

2/3

ACCESSION NR: AP4031173

ENCLOSURE NR: 01



Angular distribution of alpha particles in (d, alpha) reactions at 6.6 MeV
 $B^{11}(d, \alpha)Be^9$ $O^{16}(d, \alpha)N^{14}$

a - ground state
b - second excited state

Second excited state

Card 3/3

SADKOVSKIY, V.S.; TETERIN, Ye.D.; GRIDNEV, K.A.; DENISOV, A.Ye.; KOLALIS, R.P.;
NEMILOV, Yu.A.

Study on the (d, α)-reaction on O^{16} , Al^{27} , and Si^{28} nuclei for
5.5 - 6.7 Mev. deuterons. IAd. fiz. 2 no.5:843-852 N '65.
(MIRA 18:12)

KOLALIS, R.P.; NEMILOV, Yu.A.; SADKOVSKIY, V.S.; TETERIN, Ye.D.; DENISOV, A.Ye.

The $Si^{30}(d\alpha)Al^{28}$ reaction with deuteron energies of 6.5 and 6.7 Mev.
Izv. AN SSSR, Ser. fiz. 29 no.7:1192-1196 J1 '65.

Mechanism underlying the $C^{12}(d\alpha)B^{10}$ reaction. Ibid.:1197-1200
(MIRA 18:7)

107-57-4-38/54

AUTHOR: Teterin, Yu. (Polevskoy)

TITLE: A Simple Method of Reading the Ts-20 Instrument (Prostoy sposob
otscheta po shkale pribora "Ts-20")

PERIODICAL: Radio, 1957, Nr 4, p 47 (USSR)

ABSTRACT: "Ts-20" operating instructions require multiplication and division of numerals when measurements of voltages and currents are made; that consumes a lot of time. A table of coefficients is offered which simplifies the reading and cuts down on the time necessary for calculating measurements. There is one table in the article.

Card 1/1

TETERIN, Yu. (g. Polevskoy)

Simple method for reading the scale on the "TS-20" meter.
Radio no.4:47 Ap '57. (MLRA 10:5)
(Voltmeter)

TETERIN, Yu.I., arkhitektor

Expediency of combining terminals for various kinds of
transportation. Transp. stroi. 14 no.2:41-43 F '64.
(MIRA 17:4)

TETERINA, A., starshiy inzhener tekhnicheskogo obuchaniya

Institute of progressive practice. Sots. trud 6 no. 1:125-129
Ja '61. (MIRA 14:1)

1. Rukovoditel' Instituta peredovogo opyta Kalininskoy shelkotkat-
skoy fabriki.
(Kalinin--Textile workers--Education and training)

h3241

S/844/62/000/000/081/129
D423/D307

AUTHORS: Topchiyev, A. V., Lyashenko, I. N., Nametkin, N. S., Polak, L. S., Teterina, H. P., Fel'dman, A. S. and Chernysheva, T. I.

TITLE: Radiation polymerization of allyl silanes

SOURCE: Trudy II Vsesoyuznogo soveshchaniy po radiatsionnoy khimii. Ed. by L. S. Polak. Moscow, Izd-vo AN SSSR, 1962, 477-483

TEXT: A study was made of the radiation polymerization of organo-silicon compounds in order to explain the mechanism of the process. Mono-, di- and triallyl silanes were subjected to γ radiation from Co^{60} at an intensity of 3.4×10^6 ev/cm³.sec at 100°C. A similar series of tests was carried out using benzoyl peroxide as inhibitor. Reactivity of the monomers increased with increasing number of the allyl groups. Ir spectra of polydiallylethylsilanes showed that the Si-H bond was preserved and that polymerization occurred only at the expense of the double bond of the allyl group, in contrast to

Card 1/2

Radiation polymerization of ...

3/844/62/000/000/031/129
D423/D307

polymerization of diallyl silane in the presence of platinized carbon, where new Si-C bonds were formed. The radical mechanism of the process was confirmed. Solid, insoluble copolymers with acrylonitrile were obtained, which did not melt below 300°C. The molar ratio of the organosilicon component of the copolymer to the acrylonitrile component increased with its increase in the initial mixture, the dependence being stronger at lower dosages. Examination of the ir spectra showed differences in structure between the copolymers of acrylonitrile with diallylethyl silane and ethylphenyl silane. Copolymerization with styrene was studied, finding that the yields of copolymer increased with dosage up to a constant maximum of 50 - 60% for a dose of 28 - 42 x 10²⁰ ev. The dependence of yield, composition and molecular weight on the composition of the initial mixture was also studied. It was concluded that polymerization proceeded by a radical mechanism. There are 8 figures and 1 table.

ASSOCIATION: Institut neftekhimicheskogo sintezy AN SSSR (Institute of Petrochemical Synthesis, AS USSR)

Card 2/2

The present content of the...
ductivity and...
A...

The... of egg laying was 1800-2200 mg. % in the non-mating...
The residual blood...

Country : USSR
CATEGORY : Farm Animals. Poultry
ABS. JOUR. : RZBiol., No. 13, 1958, No. 59609
AUTHOR : Teterina, A. V.
INST. : Moscow Veterinary Academy
TITLE : Albumino-Lipoid Complexes of the Blood Serum
of High-Producing Hens in Various Periods of
Egg Laying
ORIG. PUB. : Tr. Mosk. vet. akad., 1957, 21, 84-98
ABSTRACT : No abstract.

CARD: 1/1

NP BY

The activity of ... in the ... of ... of different ... under indoor and outdoor ...

TETERINA, B.I.

USSR/Human and Animal Morphology - Blood Diseases

R-4

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70636

Author : Teterina, B.I.

Title : On Alloxan Anemia

Orig Pub : Bull. eksperim. biol. i medizini, 1956, 41, No 6, 27-30

Abstract : Changes in blood of rabbits, into whose external ear vein were introduced 180 mg/kg 10% solu. of alloxan (monohydrate), were studied. On the 2nd day after injection with diabetes appeared anemia, which persisted for 18-48 days. Hb went down to 7-40%, erythrocytes to 450,000-2,300,000. Reticulocytes reaching a maximum on the 5th-7th day were seen. There were cases of disappearance of anemia with persisting diabetes, and appearance of anemia in its absence. In supravitaly stained smears from the 2nd day on there appeared erythrocytes with Heinz bodies-200 to 970%, which changed into different granular formations. It was found, that the latter appear in preparation

Card 1/2

- 120 -

USSR/Human and Animal Morphology - Blood Diseases

R-4

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70636

of the smear as a result of Hb coagulation in the form of granules. The appearance of hemoglobin structures after the introduction of alloxan indicates the similarity of action of alloxan and hemolytic poisons, and the dependence of alloxanic anemia on the hemolytic action of alloxan itself and is not entirely related to the destruction of the insular apparatus.

Card 2/2

- 121 -

ANKHIMYUK, Vyacheslav Leont'yevich; IL'IN, Oleg Pavlovich;
TETERINA, L.N., red.

[Automatic control of electric drives] Avtomaticheskoe
upravlenie elektroprivodami. Minsk, Vysshaya shkola, 1965.
469 p. (MIRA 19:1)

VEYNIK, Al'bert Iozefovich; TETERINA, L.N., red.

[Shrinkage phenomena and the feeding of castings] Usafonk-
nye iavleniia i pitanie otливok. Minsk, Vysshiaia shkola,
1964. 32 p. (MIRA 1E86)

PIKUS, Meyer Vudelevich; TETERINA, L.N., red.

[Control of the forward motion speed of the working member in machine tools with a hydraulic drive; a lecture] Regulirovanie skorosti postupatel'nogo dvizheniya rabocheho organa v metallorezhushchikh stankakh s gidravlicheskim privodom; lektsiia. Minsk, Vysshaya shkola, 1964. 38 p. (MIRA 18:8)

VEYNEK, Albert [unclear]; TEUFMIRA, L.N., red.

[Thermodynamics] Termodinamika. 2. izd., perer. i dop.
Minsk, Vysshaya shkola, 1965. 408 p. (MIRA 18:9)

MEL'NICHUK, Stepan Maksimovich; TETERINA, L.N., red.; SHAL'KOVSKAYA, A.V.,
red.; DUBOVIK, A.P., tekhn.red.

[Vitebsk Province; a geographical description] Vitebskaia
oblast'; geograficheskii ocherk. Minsk, Izd-vo M-va vysshego,
srednego spetsial'nogo i professional'nogo obrazovaniia BSSR.
1962. 158 p. (MIRA 16:1)
(Vitebsk Province--Economic geography)

DEMENT'YEV, Vasilii Alekseyevich; ANDRYUSHCHENKO, Omufreiy Nesterovich;
TETERINA, L.N., red.; SHALKOVSKAYA, A.V., red.; MORGUNOVA,
G.M., tekhn. red.

[History of geography] Istoriia geografii. Minsk, Izd-vo M-va
vysshogo, srednego spetsial'nogo i professional'nogo obrazo-
vaniia BSSR. Pt.1. [Geography in the ancient period and Middle
Ages] Geografiia v drevnie i srednie veka. 1962. 138 p.
(MIRA 15:7)

(Geography, Ancient) (Geography, Medieval)

LYUBOSHITS, Moisey Il'ich; TATUR, G.K., prof., retsentsent; RUDITSYN,
M.N., retsentsent; TETERINA, L.N., red.; MORGUNOVA, G.M.,
tekhn. red.

[Geometrical characteristics of a cross section] Geometricheskie
kharakteristiki sechenia. Minsk, Izd-vo M-va vysshego, sred-
nego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962.
132 p. (MIRA 16:2)

1. Zaveduyushchiy kafedroy soprotivleniya materialov Belorus-
skogo politekhnicheskogo instituta (for Ruditsyn).
(Geometry)

AL'TSHULER, Isaak Saulovich; TETERINA, L.N., red.; MORGUNOVA, G.M.,
tekh. red.

[Short course in descriptive geometry]Kratkii kurs nacherta-
tel'noi geometrii. Minsk, Izd-vo M-va vysshego, srednego spe-
tsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 252 p.
(MIRA 16:2)

(Geometry, Descriptive)

AKINCHITS, Andrey Sergeyevich; ZHUCHKEVICH, V.A., red.; TETERINA,
L.N., red.; SHALCOVSKAYA, A.V., red.; MORGUNOVA, G.M., tekhn.
red.

[Brest Province; geographical study]Brestskaia oblast'; geog-
raficheski ocherk. Minsk, Izd-vo M-va vysshego, srednego
spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962.
143 p. (MIRA 15:12)
(Brest Province---Economic geography)

VEYNIK, Al'bert Iozefovich; TETERINA, L.N., red.

[Calculations of the structure of cast iron] Raschet struk -
tury chuguna. Minsk, Vysshiaia shkola, 1964. 31 p.
(MIRA 18:4)

ANGILEYKO, Iraida Mikhaylovna; TETERINA, L.N., red.

[Infinite series] Beskonechnye riady. Minsk, Vysshaya
shkola, 1964. 142 p. (MIRA 18:1)

MAYANTS, Dora Yul'yevna; MANTSVETOVA, Irina Vsevolodovna; SHINKEVICH,
Nikolay Iosifovich, kand. tekhn. nauk, dots.; TETERINA,
L.N., red.

[Collection of problems on mechanical drawing; threaded,
welded and riveted joints] Sbornik zadach po chercheniyu;
rez'bovye, svarnye i zaklepochnye soedineniia. 2. izd.,
perer. i dop. Minsk, Vysshaya shkola, 1964. 257 p.
(MIRA 18:2)

IL'IN, Oleg Pavlovich; KUZ'MICHENKO, G.A., red.; TETERINA, L.N.,
red.

[Program control of machine tools] Programnoe upravle-
nie metallorezhushchimi stankami. Minsk, Vysshaya shkola,
1964. 109 p. (MIRA 18:3)

NOVICHIKHIN, Vasiliiy Alekseyevich; OPEYKO, F.A., doktor tekhn.
nauk, prof., nauchn. red.; TETERINA, I.N., red.

[Deformation of a compressible medium by bearing surfaces]
Deformatsiia opornymi poverkhnostiami szhimaemol sredy.
Minsk, Vysshaya shkola, 1964. 174 p. (MIRA 18:4)

1. Chlen-korrespondent AN BSSR (for Opeyko).

ODEL'SKIY, E.Kh., zasl. deyatel' nauki i tekhniki, doktor
tekhn. nauk, prof., red.; AKALOVICH, N.M., red.;
LITVINSKAYA, T.S., red.; TETERINA, L.N., red.

[Problems of construction thermophysics; transactions of
the Interuniversity Scientific Conference held jointly
with workers from industry, research and design institutes
and the Scientific Technological Society of the building
industry of the U.S.S.R., February 1-4, 1964 in Minsk]
Problemy stroitel'noi teplofiz'iki; trudy Mezhvuzovskoi
nauchnoi konferentsii sovmestno s rabotnikami promyshlen-
nosti, nauchno-issledovatel'skikh i proektnykh institutov
i NTO stroiindustrii SSSR 1-4 fevralia 1964. g., g. Minsk.
Minsk, Vysshaya shkola, 1965. 526 p. (MIRA 18:7)

1. Mezhvuzovskaya nauchnaya konferentsiya po problemam
stroitel'noy teplofiziki, Minsk, 1964. 2. Belorusskiy
politekhnikheskiy institut, Minsk (for Odel'skiy).

ZOL'NIKOV, V.G.; YELOVSKAY, L.G.; TETERINA, L.V.; CHERNYAK, Ye.I.;
REMEZOV, N.P., doktor géol.-miner. nauk, prof., otv. red.
[deceased]; ANTSELOVICH, M.Ye., red.izd-va; LAUT, V.G.,
tekhn. red.

[Soils in the Vilyuy Basin and their use] Pochvy Viliuiskogo
basseina i ikh ispol'zovanie. Moskva, Izd-vo Akad. nauk
SSSE, 1962. 203 p. (MIRA 15:11)

1. Akademiya nauk SSSR. Yakutskiy filial, Yakutsk. Institut
biologii.

(Vilyuy Valley--Soils)

CHERNIK, I. V.; CHERNIK, Ye. I.

Soils of the lower Yakutsk Basin. Trudy Inst. biol. IAN SSSR
no. 5:5-46 '58. (MIRA 12:7)

(Yakutsk Valley--Soils)

TETERINA, L.V.; CHERNYAK, Ye.I.

Brief characteristics of basic soil types in the lower Yakokut Valley
and their agricultural use. Izv. Sib. otd. AN SSSR no.5:110-122 '58.
(MIRA 11:9)

1. Yakutskiy filial AN SSSR.
(Yakokut Valley--Soils)

TETERINA, M.

Great honor. IUn.nat. no.2:1 My '56.

(MLRA 9:11)

1. Direktor pavil'ona Yunykh naturalistov Vsesoyuznoy sel'sko-
khozyaystvennoy vystavki.
(Moscow--Agricultural exhibitions)

TETERINA, M.,
M. GEROVICH, DAN 81, 219-22 (No. 2, 1951)

TETERINA, M.,
M. GEROVICH DAN 81, 219-22 (No. 2, 1951)

TETERINA, M.

M. GEROVICH, DAN, 81, 219-22(1951)

TETERINA M.G.; DROZDOV, L.N., glavnyy metodist; RODINA, R.I., redaktor;
BALLOD, A.I., tekhnicheskiiy redaktor

["Young naturalists" pavilion; a guidebook] Pavil'on "IUnye
naturalisty"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry,
1956. 58 p. (MLBA 9:9)

1. Moscow. Vsesoyuznaya sel'skokhozyaystvennaya vystavka, 1954-
2. Direktor pavil'ona(for Teterina)
(Moscow--Agricultural exhibitions)

PETERINA, M.G.; DROZDOV, L.N.; UNKOVSKIY, A.M., otvetstvennyy red.;
ROSSOSHANSKAYA, V.A., red.; ZUBRILINA, Z.P., tekhn. red.

[Young naturalists participating in the All-Union Agricultural
Exhibition] IUnye naturalisty - uchastniki VSKhV. Moskva, Gos.
izd-vo sel'khoz. lit-ry, 1958. 54 p. (MIRA 11:10)
(Agriculture—Study and teaching)

TETERINA, M.G.

Display of special items. Inform. biul. VDNKH no.9:57 S 142.
(MEDA 17:12)

1. Glavnyy metodist pavil'ona "Yunyye naturalisty i tekhniki" na Vystavke dostizheniy narodnogo khozyaystva SSSR.

USSR High-molecular weight compounds from petroleum. I.
Application of color photography to the characterization of
luminescence. S. R. Sergienko, Yu. A. Bedov, and M. P.
Teterina, *Bull. Acad. Sci. U.S.S.R., Div. Chem. Sci.*
1954, 613-19 (Engl. translation).—See *C.A.* 49, 2037g.
H. L. H.

SERGIYENKO, S.R.; DELONE, I.O.; DAVYDOV, B.E.; ~~TETELINA~~ M.P.

Composition and properties of the bituminous portion of Nori petroleum.
Report 1. Trudy Inst.nefti 4:18-30 '54. (MLRA 8:1)
(Nori--Bitumen)

TETERINA, M. P.

USSR/Chemistry Analysis methods

Card : 1/1 Pub. 40 - 21/27

Authors : Sergienko, S. R., Bedov, Yu. A., and Teterina, M. P.

Title : Investigation of high-molecular petroleum compounds. Part 1.- Use of color photography for the characteristics of the luminescence chart

Periodical : Izv. AN SSSR. Otd. khim. nauk 4, 716 - 721, July - August 1954

Abstract : The advantages derived by fixing the luminescence chart for various components of high-molecular tarry-petroleum compounds, with the aid of color photography, are listed. Lead glass was found to be the most satisfactory and convenient filter capable of intercepting ultraviolet rays and thus eliminating their effect on the photo-film. A luminescence analysis completed with color photography becomes an objective method for qualitative evaluation of chemical changes in the components of high-molecular tarry-petroleum substances. Eight USSR references (1925 - 1953). Graphs; drawings; illustrations.

Institution : Acad. of Sc. USSR, Petroleum Institute

Submitted : September 20, 1953

SERGIYENKO S.R.; DAVYDOV, B.E.; DELONE, I.O.; ~~TEPERINA, M.P.~~

[Composition and properties of high molecular petroleum compounds] Sostav i svoistva vysokomolekulyarnykh soedinenii nefiti; doklady na IV Mezhdunarodnom nefitianom kongresse v Rime. Moskva, Izd-vo Akad.nauk SSSR, 1955. 57 p. (MLRA 8:9)
(Petroleum)

76122-1111
USSR/Chemical Technology - Chemical Products and Their Application. Treatment of Natural Gases and Petroleum. Motor Fuels. Lubricants, I-13

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62576

Author: Sergiyenko, S. R., Bedov, Yu. A., Teterina, M. P., Delone, I. O., Davydov, B. E.

Institution: ~~None~~ *Instit. Petroleum, AS USSR*

Title: Use of the Adsorption Chromatography Method for the Separation and Investigation of Tarry Substances of Petroleum

Original

Periodical: Tr. Komis. po analit. khimii AN SSSR, 1955, 6, 171-181

Abstract: A separation and investigation of the tarry substances of Georgian, Nebit dag, Tuymazin and Romashkin petroleum have been carried out. First by dilution with a 40-fold volume of pentane were separated the asphaltenes and the solution of tars and hydrocarbons was passed through the adsorbent. The best adsorbent was found to be ASK silica-gel of particle size 0.37-0.20 mm. Adsorbed tars were displaced

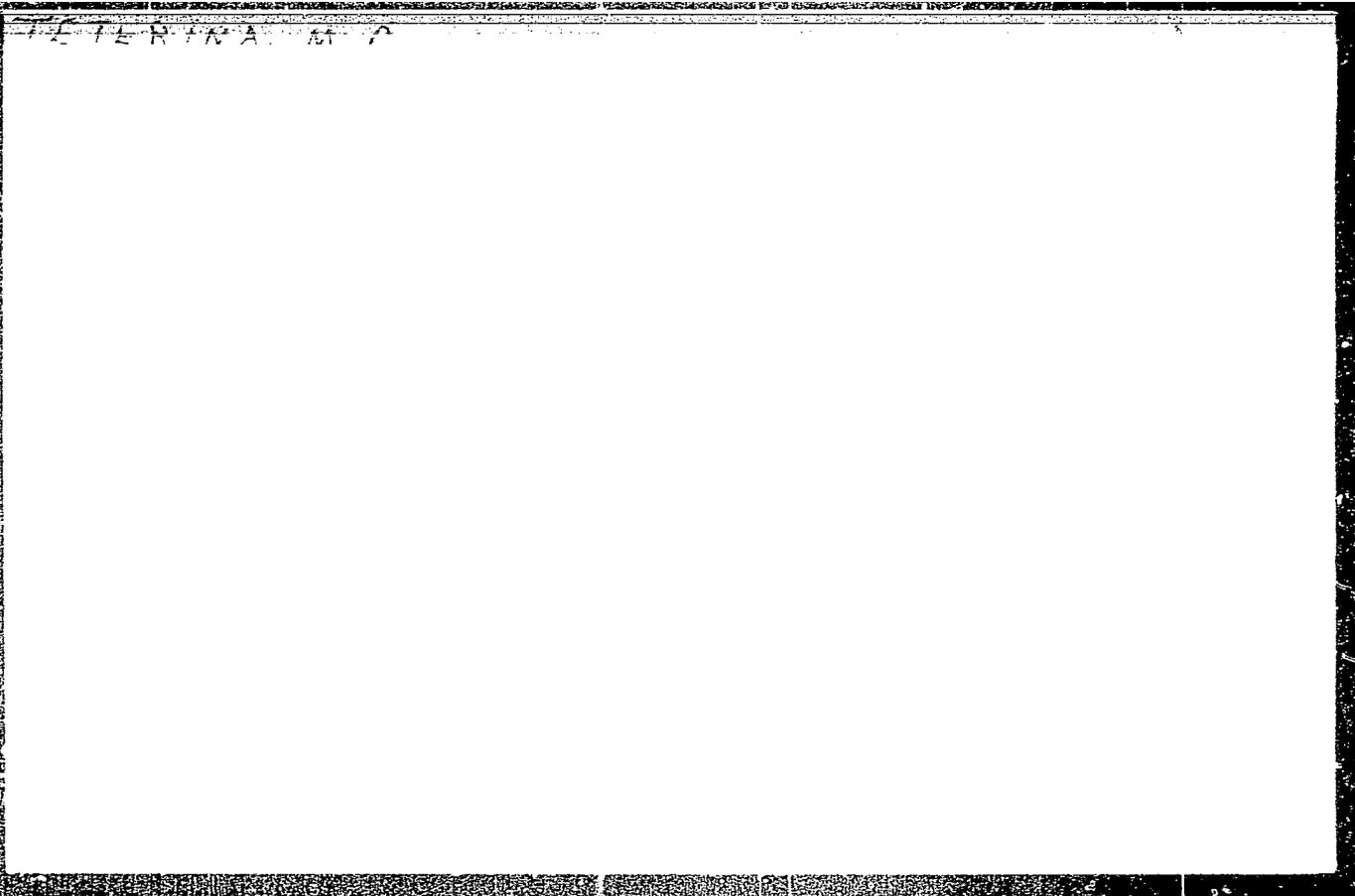
Card 1/2

USSR/Chemical Technology - Chemical Products and Their Application. Treatment of Natural Gases and Petroleum. Motor Fuels. Lubricants, I-13

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62576

Abstract: successively with carbon tetrachloride, benzene, acetone and alcohol-benzene mixture (1:1). The tar fractions thus obtained were characterized according to elemental composition, molecular weight, iodine number, acidity and luminescence. For a more thorough separation of tar fractions they were separated by means of phenol. The investigations showed that tars of different petroleum differ appreciably from one another in quantitative ratios of the fractions as well as in properties and elemental composition of the latter. In the tars of all the investigated varieties of petroleum was observed a regular decrease in carbon content and increase in the content of hydrogen, oxygen and sulfur as well as of the C:H ratio on consecutive passing from first to last fraction. Regular changes were observed also in the other investigated properties of the fractions which indicate an appreciable difference between tar fractions. There are included color photographs of the luminescence of paper chromatographs of tar solutions and a detailed description is given of the luminescence picture.

Card 2/2



SERGIYENKO, S.R.; DELONE, I.O.; DAVYDOV, B.E.; TETERINA, M.P.

Composition and properties of petroleum high molecular weight
compounds. Article 4: Study of the composition and properties
of the tarry portion of Romashkinskiy (Devonian) petroleum.
Trudy Inst.neft. 8:42-46 '56. (MLRA 9:10)

(Romashkinskiy--Petroleum--Analysis)
(High molecular weight compounds)

SERGIYENKO, S.R.; DELONE, I.O.; DAVYDOV, B.E.; TETERINA, M.P.

Composition and properties of petroleum high molecular weight compounds. Article 5: Study of the composition and properties of the tarry portion of Bavly (Devonian) petroleum. Trudy Inst. neft. 8:47-51 '56. (MLRA 9:10)

(Bavly--Petroleum--Analysis)
(High molecular weight compounds)

1 ETERLVA, M. P.

PRIKHOT'KO, A. F.

24(7) p 3 PHASE I BOOK EXPLOITATION SOV/1365
L'vov. Universytet

Materialy I Vsesoyuznogo soveshchaniya po spektroskopii. t. 1: Molekulyarnaya spektroskopiya (Papers of the 10th All-Union Conference on Spectroscopy. Vol. 1: Molecular Spectroscopy) [L'vov] Izd-vo L'vovskogo univ-ta, 1957. 499 p. 4,000 copies printed. (Series: Ita: Fizichnyy zbirnyk, vyp. 3/8/)

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po spektroskopii. Ed.: Uzer, S.L.; Tech. Ed.: Saranyuk, T.V.; Editorial Board: Landberg, G.S., Academician (Resp. Ed., Deceased), Neporent, B.S., Doctor of Physical and Mathematical Sciences, Fablinskiy, I.L., Doctor of Physical and Mathematical Sciences, Fabrikant, V.A., Doctor of Physical and Mathematical Sciences, Kornitskiy, V.G., Candidate of Technical Sciences, Rayskiy, S.M., Candidate of Physical and Mathematical Sciences, Klimovskiy, L.K., Candidate of Physical and Mathematical Sciences, Miliyanchuk, V.S., A. Ye., Candidate of Physical and Mathematical Sciences.

Card 1/30

Luft, B.D., and Ye. S. Sher. Spectrophotometric Method for the Determination of Microquantities of Mineral Oil in Organic Solvents and on Metal Parts	337
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Sergiyenko, S.P., M.E. Tsigrina, and L.M. Rozenberg. Infrared Spectroscopic Study of High Molecular Petroleum Paraffins	344
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Card 22/30

TETERINA, M.P.

SERGIYENKO, S.R.; TETERINA, M.P.; BEDOV, Yu.A.

Infrared spectrum technique for determining the composition of
 α - and β -methylnaphthalene mixtures. Trudy inst. nefti. 10:
92-95 '57. (MIRA 11:4)
(Naphthalene--Spectra)

~~TETERINA, M.P.~~

SERGIVENKO, S.R.; SKLYAR, V.T.; TETERINA, M.P.

Analysis of macromolecular fractions of Bytkov petroleum.
Article No.8. Trudy inst. nefti. 10:117-138 '57. (MIRA 11:4)
(Bytkov region--Petroleum--Cracking)
(Macromolecular compounds)

SERGIYENKO, S.R.; TETERINA, M.P.; MIKHNOVSKAYA, A.A.

Infrared spectrum analysis of macromolecular hydrocarbons and resins.
article No.10. Part 10. Trudy inst. nefti. 10:153-160 '57.

(MIRA 11:4)

(Macromolecular compounds) (Hydrocarbons--Spectra)
(Petroleum--Spectra)

И. Л. КИРИЦЫ МИФ.

SERGIYENKO, S.R.; TETERINA, M.P.; ROZENBERG, L.M.

Infrared spectrum analysis of macromolecular paraffins from
petroleum. Trudy inst. nefti. 10:161-169 '57. (MIRA 11:4)
(Macromolecular compounds)
(Paraffins--Spectra)

LETTERINA, M. P.

62-58-4-8/32

AUTHORS: Petrov, Al. A., Sergiyenko, S. R., Tsedilina, A. L.,
Teterina, M. P., Kisilinskiy, A. N., Gal'pern, G. D.

TITLE: Izomerization of Saturated Hydrocarbons (Isomerizatsiya nasyshchennykh uglevodorodov). Communication 1: Isomeric Conversions of Alkanes With $C_6 - C_9$ Structure (Soobshcheniye 1: Izomernyye prevrashcheniya alkanov sostava $C_6 - C_9$)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Khimicheskikh Nauk, 1958, Nr 4, pp. 437 - 445 (USSR)

ABSTRACT: During the last years in a number of works it was pointed out that saturated hydrocarbons are subject to a remarkable isomerization (References 1-4) under hydrogen pressure in the presence of catalysts (alumosilicates). This heterogeneous isomerization reaction of saturated hydrocarbons found already industrial use at largest extent. Though there is great attention paid to the preparation of catalysts there are, however, relatively few works dealing with the investigation of the reaction of individual hydrocarbons

Card 1/3

62-58-4-9/32

Isomerization of Saturated Hydrocarbons. Communication 1: Isomeric
Conversions of Alkanes With $C_6 - C_8$ Structure

(on the same conditions). Only the works by Chiapetta and
Khanter (Reference 4) are an exception here. As the in-
vestigation of isomeric conversions of the individual
hydrocarbons of different structure is of greatest interest
the authors decided to carry out a systematic investigation
of the isomerization reaction of the alkanes with a $C_6 - C_8$

structure. The experiment was carried out according to the
flowing system on special conditions and all experiments
of the isomerization of the individual hydrocarbons were
performed at 10 atmospheres excess pressure.
The obtained experimental data were compared with the
calculated thermodynamic values.

A new mechanism of isomeric conversions of saturated hydro-
carbons in the presence of polyfunctional catalysts was
suggested. According to this mechanism the first stage of
reaction leads to the formation of olefines. Also a great

Card 2/3

62-58-4-8/32

Isomerization of Saturated Hydrocarbons. Communication 1: Isomeric
Conversions of Alkanes With $C_6 - C_8$ Structure

number of new data were determined which offer new ideas
as to the binding connection, the structure and the
reactivity of hydrocarbons. There are 4 tables, and 17
references, 11 of which are Soviet.

ASSOCIATION: Institut nefti Akademii nauk SSSR (Petroleum Institute,
AS USSR)

SUBMITTED: November 19, 1956

AVAILABLE: Library of Congress

1. Hydrocarbons—Saturated—Isomerization 2. Alkanes
 $C_6 - C_8$ —Isomeric conversions

Card 3/3

AUTHORS: Petrov, Al. A., Sergiyenko, S. R., 62-58-5-8/27
Tsedlina, A. L., Teterina, M. P.

TITLE: Isomerization of Saturated Hydrocarbons (Izomerizatsiya nasyshchennykh uglevodorodov) Communication 2. Isomeric Conversions of the Alkanes of the C₁₂ - C₁₆-Structure (Soobshcheniye 2. Izomernyye prevrashcheniya alkanov sostava C₁₂ - C₁₆)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Khimicheskikh Nauk, 1958, Nr 5, pp. 575-583 (USSR)

ABSTRACT: The use of polyfunctional catalysts makes the successful investigation of the isomerization of saturated hydrocarbons with a boiling-point up to 150°C possible. Nevertheless, it is very difficult to achieve the isomerization of paraffins (with a boiling-point above 200°C) in the presence of heterogeneous catalysts. The purpose of this work was the investigation of the structure and of the properties of the isomerizates. Above all, the isomerization of a series of alkanes (structure C₁₂-C₁₆) was investigated in the presence of polyfunctional catalysts. It was found that ramified hydrocarbons, mainly with 2 methyl-secondary-groups are formed due to the isomerization of

Card 1/2

Isomerization of Saturated Hydrocarbons. Communication 62-58-5-8/27

2. Isomeric Conversions of the Alkanes of the C₁₂ - C₁₆-Structure

the alkanes. Moreover, a catalyst with lower fission-properties was found in the isomerization of high-boiling hydrocarbons. A thermodynamic calculation of the real equilibrium-compositions of the alkanes of the C₁₂ - C₁₆ was carried out. There are 5 tables and 12 references, 8 of which are Soviet.

ASSOCIATION: Institut nefti Akademii nauk SSSR (Petroleum Institute, AS USSR)

SUBMITTED: November 19, 1956

1. Hydrocarbons--Isomerism 2. Catalysts--Applications 3. Methanes
--Applications 4. Hydrocarbons--Test methods

Card 2/2

SERGIYENKO, Semen Romanovich: Prinimali uchastiye: SKLYAR, V.T.; GORDASH,
YU.T.; MAYOROV, L.S.; ZHDANOVA, N.V.; DAVYDOV, B.E.; LEBEDEV, Ye.V.;
TETERINA, M.P.; L'VOVA, L.A., vedushchiy red.; TROPIMOV, A.V.,
tekh.red.

[High molecular weight compounds in petroleum] Vysokomolekuliarnye
soedineniia nefi. Moskva, Gos.nauchno-tekhn.izd-vo nefi. i gorno-
toplivnoi lit-ry, 1959. 412 p. (MIRA 12:12)
(Petroleum--Analysis) (Macromolecular compounds)

SERGIYENKO, S.R.; KRASAVCHENKO, M.I.; TETERINA, M.P.

Conversions of the high molecular weight aromatic compounds of
Romashkino oil at 300-350°. Trudy Inst.nefti 13:97-110 '59.
(MIRA 13:12)

(Hydrocarbons)

TETERINA, M.P.; PETROV, A.I.A.

Infrared absorption spectra of mixed high-molecular hydrocarbons. Report No. 1: Spectra of C₂₄ mono-, di- and tri-cyclohexylalkanes. Neftekhimia 1 no.3:309-316 My-Je '61.
(MIRA 16:11)

1. Institut neftekhimicheskogo sinteza AN SSSR.

RYTOVA, N.M.; TETERINA, M.P.; POLAK, L.S.

Infrared absorption spectra of some dodecane isomers. *Neftekhimia*
2 no.1:14-17 Ja-F '62. (MIRA 15:5)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Dodecane--Spectra)

TETERINA, M.P.; PETROV, A.I.A.

Molar extinction coefficients for certain absorption bands in spectra of mono-, di-, and tricyclohexylalkanes. Izv. AN SSSR.Ser.fiz. 26 no.10:1266-1268 0 '62. (MIRA 15:10)

1. Institut neftekhimicheskogo sinteza AN SSSR i Institut geologii i razrabotki goryuchikh iskopayemykh.
(Cycloalkanes--Spectra)

TETERINA, M.P.; PETROV, Al.A.

Infrared absorption spectra of phenylcycloalkyl alkanes C₂₄
Neftekhimii 3 no.3:305-309 My-Je '63. (MIRA 16:9)

1. Institut neftekhimicheskogo sinteza AN SSSR imeni A.V.
Topchiyeva i Institut geologii i razrabotki goryuchikh
iskopayemykh Gosudarstvennogo komiteta toplivnoy promysh-
lennosti pri Gosplane SSSR.
(Paraffins — Absorption spectra)

TETERINA, M.P.; PETROV, A.I.A.

C - H stretching vibrations of alkanes, aromatic and phenylcycloane hydrocarbons. Neftekhimia 3 no.4:451-455 (MIRA 16:11)
Jl-Ag '63.

1. Institut neftekhimicheskogo sinteza AN SSSR imeni A.V. Topchiyeva i Institut geologii i razrabotki goryuchikh iskopyayemykh Gosudarstvennogo komiteta po toplivnoy promyshlennosti pri Gosplane SSSR.

VASHMAN, A.A.; LIPIS, L.V.; TEMERINA, N.A.

Superhigh-frequency excitation source of spectra in gaseous
mixtures. Opt. i spektr. 6 no.2:260-262 F '59. (MIRA 12:4)

(Gases--Spectra)

(Magnetrons)

SOV/51-6-2-32/39

AUTHORS: Vashman, A.A., Lipis, L.V. and Teterina, N.A.

TITLE: A Very-High-Frequency Source for Excitation of Spectra in Gaseous Mixtures (Sverkhvysokochastotnyy istochnik vozbuzhdeniya spektrov smesey gazov)

PERIODICAL: Optika i Spektroskopiya, 1959, Vol 6, Nr 2, pp 260-262 (USSR)

ABSTRACT: The authors describe a magnetron circuit of 3000 Mc/s frequency which can be used for excitation of spectra of gaseous mixtures. The circuit is shown in Fig 1. The magnetron works continuously and has the following parameters: $U_a = 4150$ V, $I_a = 50-70$ mA, $U_n = 6.3$ V and the magnetic field (B) is 1200 gauss. To protect the operating personnel from very-high-frequency radiation the end of a waveguide (4 in Fig 1) and the cathode connections of the magnetron were screened. The gas to be analysed was in a quartz discharge tube (6) placed in the waveguide (4) at an e.m. wave antinode. The apparatus was used to excite argon-helium mixtures at pressures from 0.3 to 20 torr. It was found that the emission intensities were higher than those produced by means of 6 Mc/s sources. A table on p 261 gives the intensities (I_M) of certain lines in the spectra of pure helium, pure argon and 50% + 50% He-A mixture, excited using the magnetron circuit of 3000 Mc/s frequency.

Card 1/2

SOV/51-6-2-32/39

A Very-High-Frequency Source for Excitation of Spectra in Gaseous Mixtures

These intensities are given in the form of ratios I_M/I_B where I_B is the intensity produced by excitation using a VG-generator of 6 Mc/s frequency. The spectra were excited at the optimum gas pressure in the discharge tube which was 6 torr for pure helium, 0.5 torr for pure argon and 0.5 torr for 50% + 50% helium-argon mixture. Temperature of the walls of the quartz discharge tube was 300-400°C when the VG-2 generator was used at 6 Mc/s compared to 40-50°C when the magnetron ($f = 3000$ Mc/s) was employed. When the 5875 Å helium line was excited at 3000 Mc/s its intensity was considerable at helium concentrations of the order of 10%, while 50% of helium was required to produce this line by means of the 6 Mc/s generator. Fig 2 shows the dependence of the logarithm of the intensity of 5875 Å helium line and 5888 Å argon line on the concentration of helium in a helium-argon mixture at various frequencies of excitation. There are 2 figures, 1 table and 6 English references.

SUBMITTED: August 10, 1958

Card 2/2

MOCHUL'SKAYA, Yu.Ch.; SEMENYAK, B.I.; Primalni uchastiye: PUGACHEVA, L.V.;
RANTSEVA, M.I.; KUZNETSOVA, M.I.; TETERINA, N.N.; SABUROVA, I.N.

Dressing of kainite-langebeinite ores of the Stebnik ore
deposit. Khim.prom. no.6:454-456 Je '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut galurgii i
L'vovskiy filial Gosudarstvennogo soyuznogo instituta po proyektiro-
vaniyu predpriyatiy gornckhimicheskoy promyshlennosti.
(Ore dressing)

TETERINA, R.N.

Effect of sensory denervation on the development of various
collaterals of the pelvic extremities in dogs. Trudy Izhev.gos.med.
inst. 21:3-8 '64.

(MIRA 1961)

1. Kafedra normal'noy anatomii (zav. - prof.V.P.Golev) Izhevskogo
meditsinskogo instituta.

TETERINA, R.N., assistant

Junctures of the efferent lymphatic vessels of the adrenal glands,
kidneys, and pancreas. Trudy Izhev.gos.med.inst. 13:213-220 '51.

(MIRA 13:2)

1. Iz kafedry normal'noy anatomii Izhevskogo meditsinskogo instituta.
Zaveduyushchiy kafedroy - dotsent Golev, V.P.

(LYMPHATICS)

TEFERINA, R. N.

1744

Puti ottoka limfy ot nadpochrechnikov cheloveka I ikh svyazi s limfaticheskimi
sosudami pochek I podzheludochnoy zhelezy. (Na materiale plodov I novorozh-
dennykh). Izhevsk, 1954, 16s. 20 sm. (Izhevskiy Gos. Med. In-t. Kafedra normal'noy
anatomii). Isoekz. B. Ts. - (54-52104)

SO: Knizhnaya Letopis', Vol. 1, 1955

TETERINA, R. N.

"Lymph Ducts of the Human Adrenal Gland and Their Connections With the Lymphatic Vessels of the Kidneys and Pancreas. (From Data on Embryos and Newborn Children)" Cand Med Sci, Izhevsk State Medical Inst, Chair of Normal Anatomy, Izhevsk, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

IOFINA, E. I.; DUMOVA, A. M.; LOGINOV, A. V.; STRELNIKOV, Yu. Ye.; TETERINA, T. A.;
CHIRKOVA, O. O.

"Morphocycline, a water-soluble antibiotic for intravenous use, its synthesis, properties and pharmacological characteristics."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Sci Res Inst of Antibiotics, Leningrad.

TETERINA, V. I.

USSR/Human and Animal Physiology - Blood. Blood Diseases.

T-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45980

Author : Teterina, V.I.

Inst : Tomsk Institute of Medicine.

Title : Anemia and Alloxan Diabetes.

Orig Pub : 5-y Pavlovsk. sb., Tomskiy med. in-t, Tomsk, un-t, 1956,
129-132.

Abstract : Hemtologic changes caused by chronic and acute alloxan diabetes (D) were investigated. In studies of chronic D, 42 rabbits (R) were injected with a 10 percent alloxan (I; 180-250 mg/kg) solution into the aurical vein. Before and 2-3 days after injections, and then every 8-10 days after injections, Hb and the blood sugar content, as well as erythrocyte (E), reticulocyte, and leukocyte counts were determined. Also, hemograms and E-size were

Card 1/4

USSR/Human and Animal Physiology - Blood. Blood Diseases.

T-4

Abs Jour : Ref Zhur- Biol., No 10, 1958, 45900

studied. Bone marrow specimens were obtained by puncture 15-30 days later. Eight of the R died on the 2nd-21st day, showing symptoms of hyperglycemia (up to 310-412 mg percent). On supravital stained smears, 700-900 o/oo of E were detected which presented degenerative structures. The Hb content decreased by 3-40 percent, E content by 700 thousand to 2 million in 1 mm³. Beginning with the 4th-6th day, reticulocytosis (Re) became evident (up to 50-120 per thousand). On the 21st-50th day, 10 of the rabbits recovered. In these rabbits, E which contained Heinz bodies (HB; 105-900 per thousand) were found; they disappeared on the 18th-44th day. In the majority of R of this group, hyperglycemia reached 132-277 mg percent. On the 8th-42nd day the sugar level was restored to its norm. Hb amounts decreased by 5-7 percent, and the number of erythrocytes by 600,000 to 2.5 millions per 1 mm³. On the 8th-21st day, they were restored to their normal

Card 2/4

- 37 -

USSR/Human and Animal Physiology - Blood. Blood Disease.

T-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45080

levels; on the 4th-8th day, Re reached the level of 53-120 per thousand and disappeared on the 10th-40th day. In 6 of the R, the disease lasted long and took a severe course. On the 5th-6th day, Hb amounts decreased by 10-35 percent, and the E quantity by 700,000 to 3 millions per 1 mm³. The highest number of E with HB amounted to 240-910 per thousand, and Re reached 91.5-113 percent. In 24 R, acute forms of D were investigated. Ten R were injected with I under ether anesthesia, while 8 R received pentothal anesthesia, and 6 R were not anesthetized at all. Under ether anesthesia, the appearance of E with HB was delayed. When deep anesthesia was used, R perished, whereas when shallow anesthesia was used, a prolonged D developed. As weak doses of I were administered to R of the first group, D failed to develop whereas in the second group, a passing hyperglycemia was observed. When pentothal anesthesia was applied, a delay in the

Card 3/4

USSR/Human and Animal Physiology - Blood. Blood Diseases.

T-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45980

appearance of E with HB was noted, which lasted from 30 minutes to 4-5 hours. A high level of hyperglycemia (240-290 mg percent) was apparent in all rabbits on the 3rd-7th day after the I injection. Apparently, anemia caused by I is hemolytic in nature, a fact evidenced by the appearance of HB on supravitaly stained smears as well as by normalization of blood characteristics in the presence of marked D symptoms which are retained for a long period of time. -- A.D. Beloborodova.

Card 4/4

- 38 -

TETERINA, V. I. Cand Med Sci -- (diss) "Reactive^{ity}~~ness~~ of the Blood
System During ~~Violations~~^{functional-disturbances} of the Functions of the Pancreas."
Tomsk, 1957. 13 pp with graphs, 20 cm. (Tomsk Medical Inst im
V. M. Molotov), 200 copies (KL, 25-57, 119)

150
- 248 -

T-4

USSR/Human and Animal Physiology. Blood

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65167

Author : Teterina V.I.

Inst :

Title : The Effect of Denervation of the Pancreas on the Blood

Orig Pub : Byul. eksperim. biol. i meditsiny, 1957, 43, No 4, 42-45

Abstract : Anemia developed in three dogs after denervation of the pancreas in which toward the 8th through the 24th day the erythrocyte count diminished by 1.8 to 2.3 million and the Hb level by 13 to 20%. After the 30th day the Hb level began to rise, and 17 to 54 days later it attained its initial value. The erythrocyte count was restored to normal by the 40th to the 66th day. The number of polychromatophilic normoblasts increased by 5 to 14%, and the leu- erythroblastic ratio fell from 1.2-1.5 to 0.8-0.9. Between the 13th and 27th day there was a drop in the blood sugar level down to 58-64 mg% which lasted 10 to 14 days and

Card : 1/2

29

USSR/Human and Animal Physiology: Blood

T-4

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65167

following which the blood sugar returned to normal. In control experiments (total gastric resection, depancreatization, ligation of the pancreatic ducts, laparotomy with cautery of the peritoneum with a 10% solution of phenol) the hematological indices were more rapidly restored.--A.D. Belobarodova

Card : 2/2

GOLD'BERG, D.I., prof.; LEVINA, G.D.; DALINGER, L.M.; KARPOVA, G.V.;
GOL'DBERG, Ye.D.; TETERINA, V.I.; LAVROVA, V.S.; TIMAKIN, N.P.;
GOL'DBERG, A.I.; CHERNOVA, Ye.A.

Clinical significance of erythrocytometry. Probl. gemat. i perel.
krovi 9 no.10:8-14 0 '64. (MIRA 18:3)

1. Tomskiy meditsinskiy institut.

TCROPTSEV, I.V.; SOKOLOVA, N.V. [deceased]; VETERINA, V.I.; SOROKINA, V.A.

Reaction of the hemopoietic system of guinea pigs to chronic
action of ionizing radiation applied in small doses. Arkh. pat.
27 no.8:10-17 '65. (MIRA 18:10)

1. Kafedra patologicheskoy anatomii, patologicheskoy fiziologii i
biologii Tomskogo meditsinskogo instituta.

L 23972-66

ACC NR: AP6004831

(A)

SOURCE CODE: UR/0404/65/000/004/0057/0064

12

AUTHOR: Pryadko, E. I.; Teterin, V. I.; Shol', V. A.

13

ORG: none

TITLE: Helminth infestation of reindeer by age and season

SOURCE: AN KazSSR. Izvestiya. Seriya biologicheskikh nauk, no. 4, 1965, 57-64

TOPIC TAGS: experiment animal, animal parasite, parasitology, veterinary medicine, preventive medicine

ABSTRACT: The dynamics of helminth infestation in meral and spotted deer was studied for more than a year in 2 deer sovkhozes in Kazakhstan. Infestation was investigated by taking 50 fecal samples from each age group for determination of eggs and larvae and by histologic study after dissection of 209 marals 1 month to 20 years of age and 10 spotted reindeer 1-13 year old. Eleven parasite genera were discovered, some represented by several species. The animals were found infested from 6-8 months of age and throughout life. Trichuris and Moniezia predominated to one year of age, Oesophagostomum, Ostertagia and Elaphostrongylus predominated in one and 2-year olds, and Dicrocoelium predominated in adults. Cysticercus tenuicollis, Dictyocaulus, Bicaulus

UDC: 576.895.1

Card 1/2

L 23972-66

ACC NR: AP6004831

and Setaria were frequent from 2 years on, and Acanthospiculum was found normally after the first year. Seasonal variations occurred for all parasites except for Dicrocoelium and Cysticercus. Trichocephalus is the most dangerous helminth for all young animals, Oesophagostomum, Dictyocaulus and Elaphostrongylus are also dangerous for young marals, and Dictyocaulus, Bicaulus and Setaria are dangerous for adults. Prophylactic treatment is recommended when the animals are taken to enclosures (November) followed by a second treatment before pasture time (April), or during the winter. Oesophagostomum treatment is required only during pasture. To prevent infestation of young marals, early weaning is recommended to shorten their time in pasture with the mother and groups can be taken once a month to new pastures where no marals have fed for at least one summer season. Orig. art. has:
1 table.

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 004

Card 2/2 fv

KACHURIN, M.G.; TSIRKEL', Ye.E.; OREKHOVA, A.E.; KOROLEVA, A.V.;
TETERINA, V.I.

Boiling-out cotton fabrics with the aid of sodium sulfite. Izv.
vys.ucheb.zav.; tekhn.tekst.prom. no.6:98-103 '59.
(MIRA 13:4)

1. Leningradskaya shtsenabivnaya fabrika im. Very Slutskoy, i
tekstil'noye upravleniye Lensovnarkhoza.
(Cotton finishing)

VEYKHER, Z.F., nauchnyy sotrudnik; RAFAL'SON, D.I., starshiy nauchnyy sotrudnik;
TETERINA, Z.K., nauchnyy sotrudnik

Possibility of using venous blood for analysis in the recruiting of
donors. Akt.vop.perel.krovi no.7:55-60 '59. (MIRA 13:1)

1. Donorskiy otdel Leningradskogo instituta perelivaniya krovi (ruko-
voditel' temy - prof. L.G. Bogomolova).
(BLOOD--ANALYSIS AND CHEMISTRY)

TRUBNIKOV, V.M., kand. tekhn.nauk; ROMANENKO, P.N., prof., red.;
TETERINA, Z.Ya., red.

[Aerodynamic design of a boiler unit] Aerodinamicheskii
raschet kotel'nogo agregata; metodicheskoe posobie. Pod
red. P.N.Romanenko. Moskva, 1959. 37 p. (MIRA 17:2)

1. Moscow. Lesotekhnicheskii institut. Kafedra teplo-
tekhniki i teplosilovykh ustanovok.

[The text in this block is extremely faint and illegible, appearing as a series of light gray marks and noise on a dark background. It is likely a scan of a document page that has been heavily degraded or is a very low-quality reproduction.]

1. 10/15/67

ACCESSION NO: AA5000950

metabolized into cartilage. The study indicated the
central zone. Thus, costal cartilage was maintained
viability. W. Hozner.

ST3 2/12: 123

ENCLOSURE

Card 2/2

RAFAL'SON, D.I.; KULAKOVA, M.N.; KRUTOGOLOVA, F.M.; TETERINA, Z.K.;
LAZAREVA, M.S.; ORLOVA, N.N.; BARANOVA, L.P.; NAZAREVSKAYA, O.V.;
SHIBA, Ye.P.; MEL'CHENKO, K.M.; ZELENKOVSKAYA, A.H.

Significance of blood transfusion in the transmission of
epidemic hepatitis. Zhur.mikrobiol., epid. i immun. 42
no.9:81-85 S '65. (MIRA 18:12)

1. Leningradskiy institut perelivaniya krovi, 1-ya, 2-ya i
3-ya gorodskiy stantsii perelivaniya krovi i Leningradskaya
gorodskaya sanitarno-epidemiologicheskaya stantsiya. Submitted
February 29, 1964.